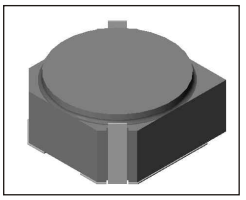
查询SIL740供应商

SMT Power Inductor

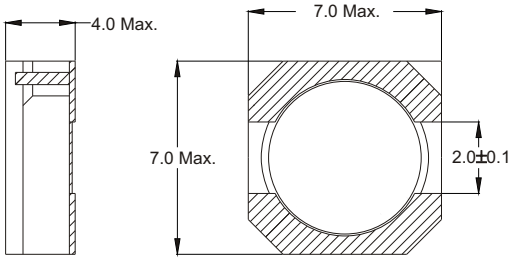
SIL740 Type

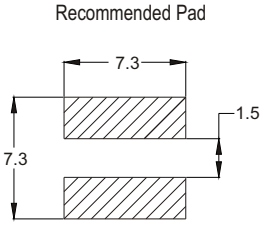
Features

- Small size (6.6mm*6.6mm), low profile (4.0mm max. height) SMD type.
- Magnetically shielded, suitable for high density mounting.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Ideal for power source circuits, DC-DC converter, DC-AC inverters inductor application.
- In addition to the standard versions shown here, custom inductors are available to meet your exact requirements.



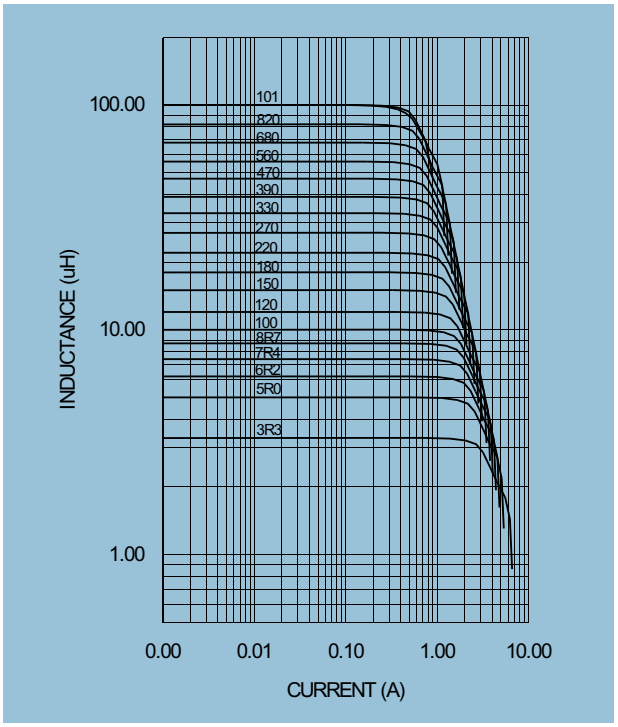
Mechanical Dimension: Unit: mm





Electrical Characteristics:

PART NO.	L★ (uH)	DCR (Ω) MAX	I_{RATED}★★ (Adc)
SIL740 - 3R3	3.3	0.020	3.50
SIL740 - 5R0	5.0	0.024	2.90
SIL740 - 6R2	6.2	0.027	2.50
SIL740 - 7R4	7.4	0.031	2.30
SIL740 - 8R6	8.6	0.034	2.20
SIL740 - 100	10	0.038	2.00
SIL740 - 120	12	0.053	1.70
SIL740 - 150	15	0.057	1.60
SIL740 - 180	18	0.092	1.50
SIL740 - 220	22	0.096	1.30
SIL740 - 270	27	0.109	1.20
SIL740 - 330	33	0.124	1.10
SIL740 - 390	39	0.138	1.00
SIL740 - 470	47	0.155	0.95
SIL740 - 560	56	0.202	0.85
SIL740 - 680	68	0.234	0.75
SIL740 - 820	82	0.324	0.70
SIL740 - 101	100	0.358	0.65



★ Tolerance of inductance
3.3~100uH±30%

★★ I_{RATED}: rated current. ΔL<35%, ΔT<45°C at I_{RATED}

★★★ Operating temperature: -20°C to 105°C (including self-temperature rise)

★★★★ Test condition at 25°C: 100KHz, 0.1V

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